## EAST Search History (Prior Art)

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Ref #	Hits	Search Query	DBs	Defa ult Oper ator	Plurals	Time Stamp
L1	70	darryl near2 pappin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/08/10 11:08
L2	44	1 and ((affinity or label\$4 or tag\$3) with (marker or reagent))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2011/08/10 11:08
S1	1	"20070023628"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:25
S2	1	"20070009960"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:25
S3	1	"20050042676"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:27
S4	1	"20050042713"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:27
S5	1	"20050048489"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:28
S6	2	"20070292861"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:31
S7	1	"20090156424"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:32
S8	3497	250/282.cds. or 436/173.cds.	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:34
S9	10926	(mass near2 spectrometry) and ((tag\$3 or label\$4) with (moiety or agent))	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:37
S10	114	S8 and S9	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:37
S11	11	S10 and (tertiary with amine)	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:37
S12	428	"5281698"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:43
S13	4	"20030044864"	US-PGPUB; USPAT	OR	OFF	2009/08/18 14:44
S14	31810	(carbonic or hydroxysuccinimide or hydroxybenzotriazole or hydroxyazabenzotriazole or nitrophenyl or tricholorophenyl or pentafluorophenyl) near3 ester	US-PGPUB; USPAT	OR	ON	2009/08/18 14:50
S15	1680	S9 and S14	US-PGPUB; USPAT	OR	ON	2009/08/18 14:50
S16	628	S15 and (reactive near2 (functionality or moiety))	US-PGPUB; USPAT	OR	ON	2009/08/18 14:51

## EAST Search History (Prior Art)

		LAST Search History	y (Filoi A				
S17	174	S16 and (tertiary with amine)	US-PGPUB; USPAT	OR	ON	2009/08/18 14:51	
S18	103	S17 and (isotop\$4)	US-PGPUB; USPAT	OR	ON	2009/08/18 14:52	
S19	54	S17 and (isotop\$4 with distribution)	US-PGPUB; USPAT	OR	ON	2009/08/18 14:52	
S20	0	("2004/0220412").URPN.	USPAT	OR	OFF	2009/08/19 14:28	
S21	380	(hamon near2 christian) or (kuhn near2 karsten) or (thompson near2 andrew) or (reuschling near2 dieter) or (schaefer near2 juergen)	US-PGPUB; USPAT	OR	OFF	2011/02/09 10:00	
\$22	19	S21 and (mass near2 tag)	US-PGPUB; USPAT	OR	OFF	2011/02/09 10:01	
S23	35833	(carbonic or hydroxysuccinimide or hydroxybenzotriazole or hydroxyazabenzotriazole or nitrophenyl or tricholorophenyl or pentafluorophenyl) near3 ester	US-PGPUB; USPAT	OR	ON	2011/02/09 10:15	
\$24	503	S23 and (mass near2 (tag or label\$4))	US-PGPUB; USPAT	OR	ON	2011/02/09 10:15	
S25	61	S24 and (link\$4 with (alkylene or phenylene))	US-PGPUB; USPAT	OR	ON	2011/02/09 10:15	
S26	32	"3952045"	US-PGPUB; USPAT	OR	OFF	2011/02/09 11:09	
\$27	42	darryl near2 pappin	US-PGPUB; USPAT	OR	OFF	2011/02/09 13:22	
\$28	3	dimethylamino\$1benzoyl with succinimid\$4	US-PGPUB; USPAT	OR	OFF	2011/02/09 13:44	
S29	27	dimethyl with amino with benzoyl with succinimid\$4	US-PGPUB; USPAT	OR	OFF	2011/02/09 13:48	
\$30	0	"200400219685"	US-PGPUB; USPAT	OR	OFF	2011/08/02 13:32	
S31	1	"20040219685"	US-PGPUB; USPAT	OR	OFF	2011/08/02 13:32	
S32	1	"5260475"	US-PGPUB; USPAT	OR	OFF	2011/08/02 13:33	
S33	4	dimethylamino with ((acetic or butyric) near2 acid) with hydroxysuccinimide near2 ester	US-PGPUB; USPAT	OR	ON	2011/08/09 13:58	
\$34	11802	affinity near2 tag\$4	US-PGPUB; USPAT	OR	OFF	2011/08/10 10:48	
\$35	3591	S34 and (isotop\$6)	US-PGPUB; USPAT	OR	OFF	2011/08/10 10:49	
S36	180	S35 and (piperidine and hydroxysuccinimide)	US-PGPUB; USPAT	OR	OFF	2011/08/10 10:49	
S37	61	S36 and (linker same (alkyl or alkylene))	US-PGPUB; USPAT	OR	OFF	2011/08/10 10:49	

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## **EAST Search History (Interference)**

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